

10 CSR 10-5.080 Incinerators

(1) General Provisions.

(A) This regulation shall apply to any incinerator used to dispose of refuse or other wastes by burning and the processing of salvageable material by burning. Notwithstanding definitions in other regulations, as used in this regulation the word refuse includes garbage, rubbish, trade wastes, leaves, salvageable material, agricultural wastes, and other wastes. The word incinerator, as used in this regulation, includes incinerators and other devices, structures, or contrivances used to burn refuse (as defined herein) or to process refuse by burning.

(B) The burning capacity of an incinerator shall be the manufacturer's or designer's guaranteed maximum rate or such other rate as may be determined by the Executive Secretary in accordance with good engineering practice. In case of conflict, the findings of the Executive Secretary shall govern.

(C) The amount of particulate matter emitted from any incinerator shall be determined according to the American Society of Mechanical Engineers Power Test Code)) PTC-27 dated 1957 and entitled Determining Dust Concentration in a Gas Stream. This publication is hereby made a part of this regulation by reference.

In calculating the amount of particulate matter in stack gas, the loading shall be adjusted to twelve percent (12%) carbon dioxide in the stack gas. The carbon dioxide produced by burning of any liquid or gaseous fuel in the incinerator shall be excluded from the calculation to twelve percent (12%) carbon dioxide. Emissions shall be measured when the incinerator is operating at its maximum capacity or at any other burning rate during which emission of particulate matter is greater.

(2) Restriction of Emissions of Particulate Matter from Incinerators.

(A) No person shall cause or permit the emission of particulate matter from the stack or chimney of any incinerator in excess of the following:

1. Incinerators with a maximum refuse burning capacity of two hundred (200) or more pounds per hour, 0.2 grains of particulate matter per standard dry cubic foot of exhaust gas;

2. All other incinerators, 0.3 grains of particulate matter per standard dry cubic foot of exhaust gas.

(B) No incinerator shall be used for the burning of refuse unless such incinerator is a multiple chamber incinerator. Existing incinerators which are not multiple chamber incinerators may be altered, modified or rebuilt as may be necessary to meet this requirement. The Executive Secretary may approve any other alteration or modification to an existing incinerator if such be found by him to be equally effective for the purpose of air pollution control as a modification or alteration which would result in multiple chamber incinerator. All new incinerators shall be multiple chamber incinerators, provided that the Executive Secretary may approve any other kind of incinerators, if he finds in advance of construction or installation that such other kind of incinerator is equally effective for purposes of air pollution control as an approved multiple chamber incinerator.

1. Existing incinerators which are not multiple chamber incinerators and do not otherwise meet the requirements of subsection (2)(A) of this regulation shall be modified or rebuilt in compliance with this section in accordance with the following schedule:

Rated Capacity	Latest Date for Compliance
2,000 lbs/hr. or above regulation	12 months from effective date of
1,000-1,999 lbs/hr. regulation	18 months from effective date of
500- 999 lbs/hr. regulation	24 months from effective date of
All Others regulation	30 months from effective date of

(3) Exceptions for Low Population Density Areas.

(A) The provisions of subsections (2)(A) and (2)(B) of this regulation shall not apply to any incinerator on residential premises used to burn refuse arising from domestic activities on the same premises in areas of low population density. The Executive Secretary shall select and publish the specific boundaries of areas in which subsections (2)(A) and (2)(B) of this regulation do not apply. In selecting such areas, he shall use a density of one hundred (100) dwelling units or less per square mile as an approximate definition of areas of low population density and he shall also give due consideration to the desirability of having restrictive air pollution control

regulations within the conterminous area comprising the St. Louis metropolitan area air pollution basin. The Executive Secretary

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shall select and publish revised boundaries, in the manner described in the foregoing, from time to time as population density changes.

(4) Permitted Hours of Operation

No person shall operate or cause or permit the operation of any incinerator at any time other than between the hours of 10:00 A.M. and 4:00 P.M. This restriction shall not apply to incinerators having a refuse burning capacity of five tons per hour or more.

EPA Rulemakings

CFR: 40 C.F.R. 52.1320(c)(13)(i)

FRM: 45 FR 17145 (3/18/80)

PRM: 44 FR 52001 (9/6/79)

State Submission: 8/28/78

State Proposal: Unknown

State Final: 9/18/70

APDB File: MO-03

Description: The EPA approved the recodification of the rule from Regulation VII (St. Louis Metropolitan Area) to 10 C.S.R. 10-5.080.

[illegible]

CFR: 40 C.F.R. 52.1320(a)(2)

FRM: 37 FR 10842 (5/31/72)

PRM: None

State Submission: 1/24/72

State Proposal: Unknown

State Final: (effective 3/24/67; revised 9/18/70)

APDB File: MO-00

Description: The EPA approved Regulation VII (St. Louis Metropolitan Area) as part of the original SIP submission.

[illegible]

Difference Between the State and EPA-Approved Regulation

The state has rescinded this rule.